

Name: _____

at1110paper_practice_test (v47)

1. Expand the following expression into standard form.

$$(4x - 7)(4x + 7)$$

2. Solve the equation with factoring by grouping.

$$12x^2 + 10x - 18x - 15 = 0$$

3. Factor the expression.

$$x^2 + 10x + 16$$

4. Expand the following expression into standard form.

$$(6x - 5)(4x + 7)$$

5. Factor the expression.

$$9x^2 - 49$$

6. Solve the equation.

$$(9x - 7)(5x - 4) = 0$$

7. Expand the following expression into standard form.

$$(5x - 2)^2$$

8. Solve the equation.

$$10x^2 + 22x + 17 = 3x^2 - 4x + 2$$